

NEW JERSEY DIVISION OF GAMING ENFORCEMENT TECHNICAL SERVICES BUREAU

INFORMATION REQUIRED FOR NEW GAMING DEVICE APPROVAL

The following list includes the minimum information required for approval of new gaming device prototypes in accordance with N.J.A.C. 19:46-1.28.

- All current technical documentation for the submitted product.
- All schematics, printed circuit boards, hardware descriptions, etc.
- Documentation on microprocessor or microcontroller utilized for device.
- All software source code listings.
- Binary images of all compiled code.
- All “program storage media,” such as EPROMS, etc., including graphics, sound and character generators.
- Compiler, or access to, for the purpose of building applicable code modules. A detailed written description of all aspects of the device operation, to include, but not limited to, the random number generator (RNG), pay evaluation routines, bonus features, etc.
- All “source” for any programmable devices to include, but not limited to, PALs, GALs, MicroSequencers, etc.
- A representative prototype delivered in accordance with N.J.A.C. 19:45-1.38 and 19:46-1.23 to:
NJ DIVISION OF GAMING ENFORCEMENT
1300 Atlantic Avenue
Atlantic City, NJ 08401
Phone: (609) 441-7542
Fax: (609) 441-3511
ATTN: Alireza Y. Ghanavati, Deputy Chief
- Any specialized hardware or testing equipment needed to complete the evaluation, which may include an emulator for a specified microprocessor, PCs, extender cables for CPU board, target reel strips and door defeats.

All submissions¹ are to be documented on one or more of the following forms:

- ✓ Prototype Submission Report
- ✓ Software/Hardware Deficiency Report
- ✓ Main Program Submission Form
- ✓ Datatable submission Form
- ✓ Printer Firmware Submission Form
- ✓ Bill Validator Software Submission Form
- ✓ Hardware Submission Form

On all attachments, identify the submission form or checklist and the specific section to which the answer applies. Additional information may be requested by DGE in order to complete the evaluation.

Questions may be directed to Alireza Y. Ghanavati, Deputy Chief of the Technical Services Bureau

¹ File one copy of each Submission Form with the Casino Control Commission.

GAMING DEVICE SOFTWARE MODIFICATION REQUEST	
Reference Number	Manufacturers internal reference number
Requested by	Company requesting approval
Manufacturers ID Number	ID Number used by manufacturer to identify software as it will appear in the field.
Version and Date Code	Specific version and date code, if applicable
Chip Type	OEM Manufacturers type number; <u>i.e.</u> , 27C512, 271004, etc.
Position	Alpha/Numeric location designator on PCB
Checksum	Checksum
Function	Functionality supported by device; <u>i.e.</u> , BIOS, Boot, Graphics, etc.
Original Lab Reference Number	Number assigned by the NJ DGE Technical Services Bureau to the original base software submission
Previously Approved ID	ID Number of the software that this request modifies
Minimum Payback Percentage	Mathematically demonstrated minimum payback percentage
Maximum Payback Percentage	Mathematically demonstrated maximum payback percentage
Optimum Payback Percentage	Maximum payback percentage expected for optimum bet and strategy
Pay Method	Game pay method; <u>i.e.</u> , Coin Multiplier, Multi-Line, BuyAPay, etc.
Total Maximum Wager/Play	Entered in coins, the maximum number of coins which may be wagered in total for particular play of the device.
Maximum Coins In	Maximum number of coins which may be accrued as “coin-in” prior to a bet being placed or the game played.
Maximum Credits	Maximum number of credits accruable on credit meter
Maximum Coins/Wager	Maximum number of coins which may be wagered on a particular game outcome. (Game with Feature Code 12 only).
Volatility	Contact DGE for formula
Number of Reels	Number of reels, video or stepper, if request involves a reel style game.
Stops/Reel or No. of Cards per Deck	Number of stops per reel, if request involves a reel style game or number of cards per deck for card games.
Maximum Jackpot Odds	Odds of hitting the top award jackpot, or the most remote (specify) normalized to 1.
Features Supported	All applicable codes that the device supports from the included Feature Codes list.
Description of Modification	Complete technical description of the modification to the device as well as the reasons the modification(s) is being requested. In the event the modification is to remedy a known bug or malfunction, a <i>Gaming Device Software/Hardware Deficiency Report</i> must be on file prior to the submission of the request for modification.
Authorized Signature	Legal signature, in blue ink, of the chief developer of the submitted product attesting to the accuracy and completeness of the documentation to support the request. The person must have personal knowledge of the product, testing procedure and the testing equipment.
Date	Date of signature must be included in order to process the form.

Modification in substance of any forms will be cause for rejection of the submission.

GAMING DEVICE HARDWARE SUBMISSION	
Reference Number	Manufacturers internal reference number
Requested by	Company requesting approval
Manufacturers Part Number	Part Number used by manufacturer to identify component.
Version and Date Code	Specific version designation and date code, if applicable.
Specifications	Description, functionality of specific component
Original Lab Reference Number	Number assigned by the NJ DGE Technical Services Bureau to the approval of the base product.
Features Supported	All applicable codes that the device supports from the included Feature Codes list.
Description of Modification	Complete technical description of the modification to the device as well as the reasons the modification(s) is being requested. In the event the modification is to remedy a known bug or malfunction, a <i>Gaming Device Software/Hardware Deficiency Report</i> must be on file prior to the submission of the request for modification.
Authorized Signature	Legal signature, in blue ink, of the authorized company official attesting to the accuracy and completeness of the documentation to support the request.
Date	Date of signature must be included in order to process request.

**GENERAL INSTRUCTIONS FOR SUBMISSION OF
GAMING DEVICE SOFTWARE/HARDWARE DEFICIENCY REPORT**

This report is intended to be utilized as a mechanism for reporting any concerns or problems identified on a specific device's hardware or software component. It is required that the *Deficiency Report* be submitted at the time the Manufacturer is first notified of the game deficiency occurrence, even in the event a solution is not currently available. It is imperative that reporting of such issues occur in a timely and accurate manner in order to help facilitate interim solutions in the field.

At the time these forms are received, it is required that they are complete and accurate in every aspect. Failure to disclose complete and accurate information could result in unnecessary delays in the approval process or disciplinary action from the Commission.

If there are any questions regarding these instructions, please do not hesitate to contact the NJ DGE Technical Services Bureau at (609) 441-7542.

Modification in substance of any forms will be cause rejection of the submission